

<b>Course Modules for Ph. D Programme in Social Sciences</b>		
<b>Course Credit- 4</b>	<b>Hours- 60</b>	<b>Marks- 100</b>

<b>Course Objectives:</b>	
1.	To introduce scholars to the fundamental concept and principles, of research in the Social Sciences.
2.	To enable scholars to identify research problems, formulate hypotheses, and design appropriate methodologies for investigation.
3.	To develop understanding of qualitative, quantitative, and mixed research approaches and their appropriate applications.
4.	To familiarize scholars with tools and techniques for data collection, analysis, and interpretation.
5.	To train scholars in academic writing, referencing, and the preparation of research proposals, reports, and dissertations.
6.	To cultivate critical and analytical thinking necessary for conducting independent and original research.

<b>Course Outcomes:</b>	
1.	After successful completion of the course, the scholars will be able to:
2.	Demonstrate a clear understanding of the conceptual and methodological foundations of research.
3.	Identify and formulate viable research problems and hypotheses in their chosen field of study.
4.	Apply suitable research designs, sampling techniques, and data analysis methods for their research objectives.
5.	Utilize qualitative and quantitative research tools effectively in data collection and interpretation.
6.	Utilize qualitative and quantitative research tools effectively in data collection and interpretation.
7.	Produce well-structured research proposals, reports, academic papers and presentation following ethical standards and citation norms.
8.	Critically evaluate existing research and contribute to the advancement of knowledge in their discipline.

<b>Unit I: Foundations of Research in Social Sciences</b>		
<b>Credit- 1</b>	<b>Hours- 15</b>	<b>Marks- 25</b>
<ul style="list-style-type: none"> <li>• Meaning, nature, Scope (Approaches to interdisciplinary Research) and objectives of research.</li> <li>• Philosophical foundations: positivism, interpretivism, constructivism, and critical theory.</li> <li>• Relationship between theory, research, and policy.</li> </ul>		

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<b>Unit II: Research Design and Process</b>		
<b>Credit- 1</b>	<b>Hours- 15</b>	<b>Marks- 25</b>
<ul style="list-style-type: none"> <li>• Selecting and defining the research problem.</li> <li>• Structure of Research (Title, Review of Literature, Objectives of the Study, Hypothesis, Methodology, Reference and Bibliography)</li> <li>• Types of research: exploratory, descriptive, analytical, experimental, action, and evaluative research.</li> <li>• Variables, hypotheses, and operational definitions.</li> <li>• Research design: qualitative, quantitative, and mixed methods.</li> <li>• Sampling: population, sample size, sampling techniques (probability and non-probability).</li> </ul>		

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<b>Unit III: Methods and Techniques of Data Collection</b>		
<b>Credit- 1</b>	<b>Hours- 15</b>	<b>Marks- 25</b>
<ul style="list-style-type: none"> <li>• Sources of data: primary and secondary.</li> <li>• Tools of data collection: questionnaire, schedule, interview, observation, case study, and focus group discussion, Digital Tools.</li> <li>• Ethnographic and Oral History Survey research and fieldwork.</li> <li>• Archival and documentary research.</li> </ul>		

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<b>Unit IV: Data Processing and Research Presentation</b>		
<b>Credit- 1</b>	<b>Hours- 15</b>	<b>Marks- 25</b>
<ul style="list-style-type: none"> <li>• Coding, classification, tabulation, and presentation of data.</li> <li>• Correlation, regression, and hypothesis testing.</li> <li>• Scale of Measurements (Nominal, Ordinal, Interval, Ratio).</li> <li>• Introduction to statistical software: SPSS and Excel.</li> <li>• Interpretation of results and drawing conclusions.</li> <li>• Structure of Research proposal and synopsis(Title, Review of Literature, Objectives of the Study, Hypothesis, Methodology, Reference and Bibliography)</li> <li>• Citation and referencing styles (MLA, APA)</li> <li>• Reference management tools (Zotero, Mendeley).</li> </ul>		

#### **References:**

1. Research Methodology Methods and Techniques, by C R Kothari, (2014, 3<sup>rd</sup> Edition), New Age International Publishers.
2. Research Methodology in Social Science by Krishan Kumar Singh, (2022, 1<sup>st</sup> Edition), K.K. Publications.
3. Methodology Of Research In Social Sciences, by O.R. Krishnaswami, M.Ranganatham, (2011,Paperback Edition), Himalaya Publishing House.